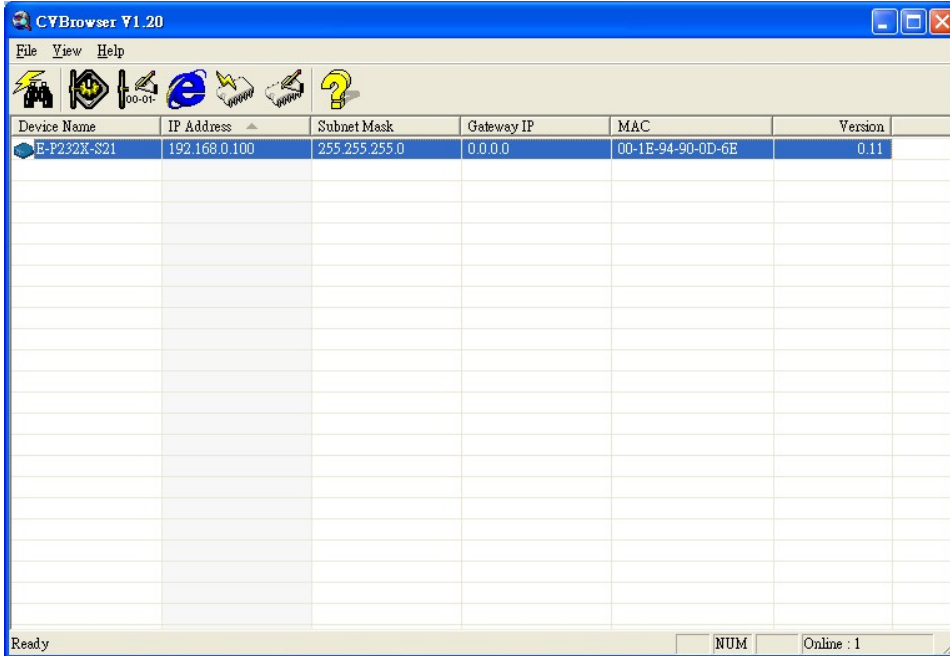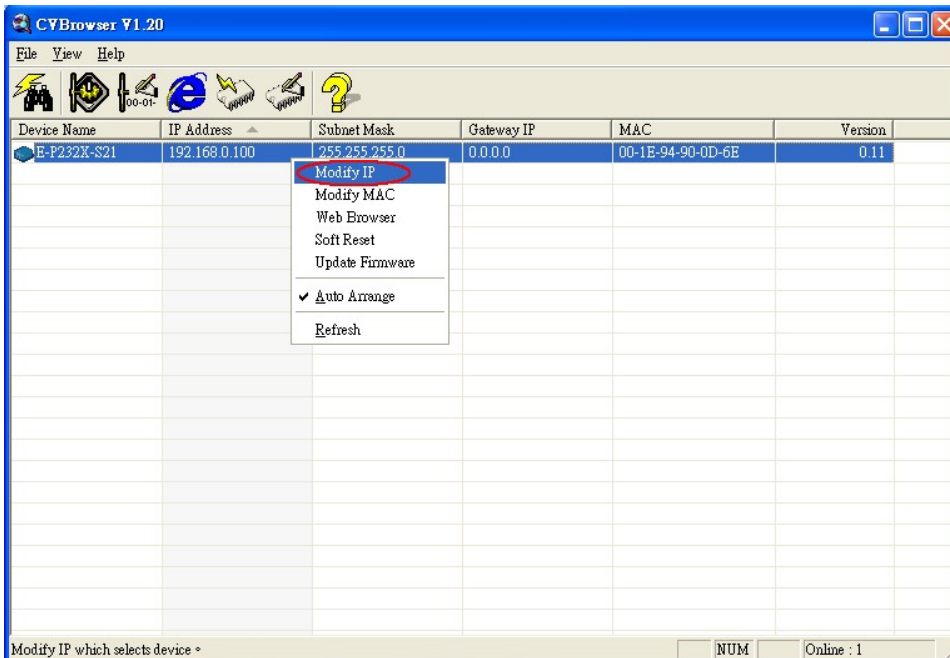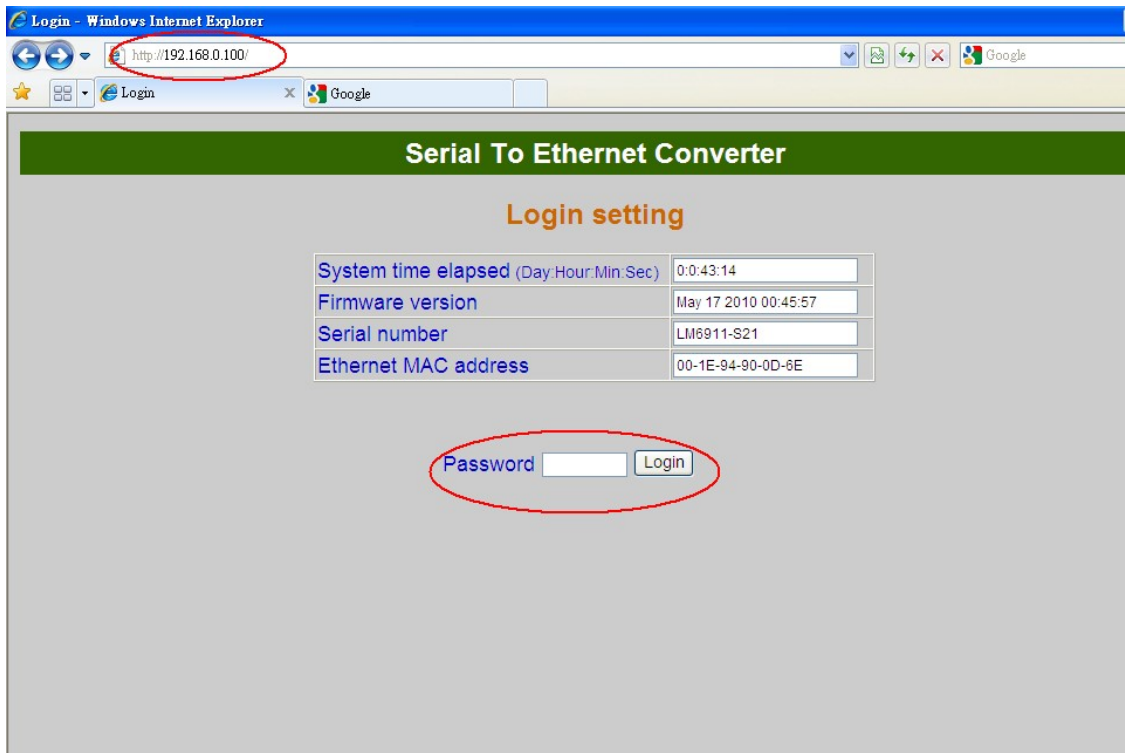# E-P732-DIO Command Set Control Demo

1. Please use CVBrowser.exe to find Ethernet Digital I/O Converter.
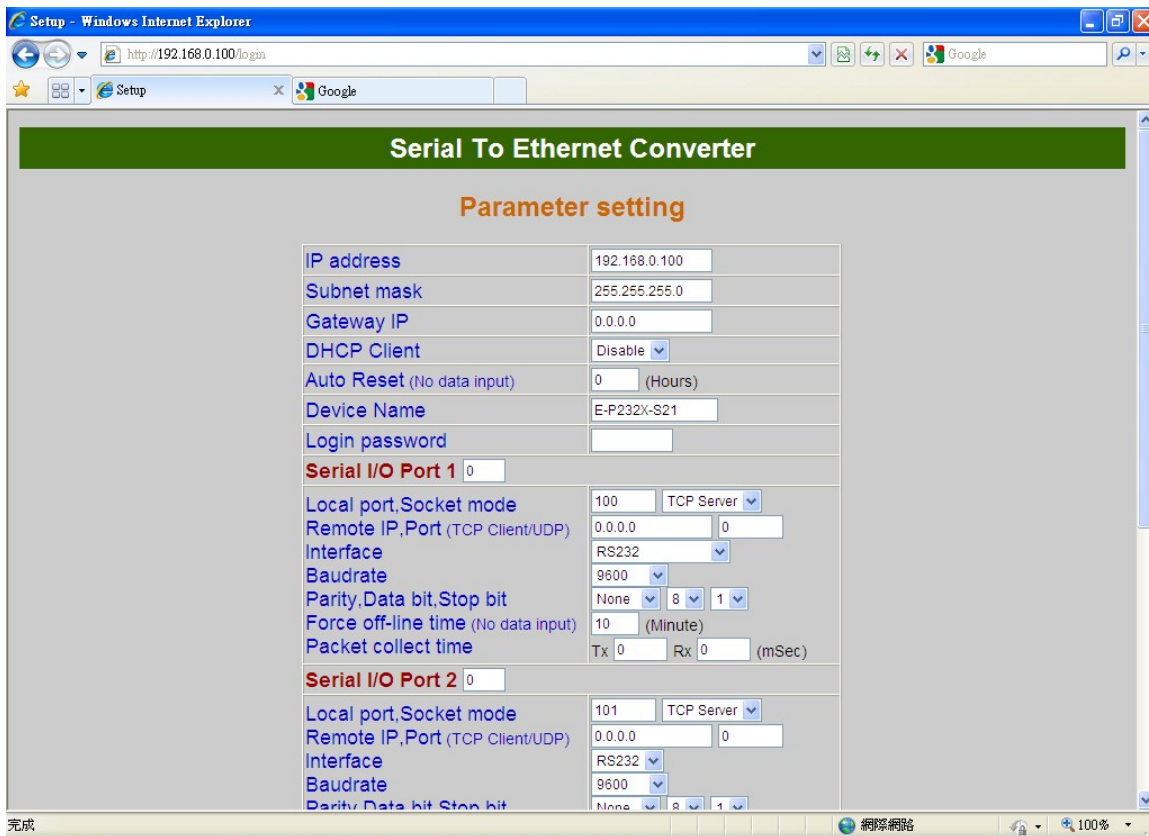

2. Please modify Converter IP (Device Settings) & use IE Browser Enter built-in Web Server (Default IP : 192.168.0.100)

3. Ethernet Digital I/O Converter has built-in Web Server as shown below (http:192.168.0.100):

4. Please login (Password: blank), the parameter setting will be as shown below:

5. Digital I/O port Setup: Please select Port No. and TCP mode.

   Digital Input / Digital Output pin assignment & default value setup

   Digital I/O Port1: set as Digital Output

   Digital I/O Port2: set as Digital Input

Digital I/O Port 1 0		
Local port,Socket mode	102	TCP Server ▾
Remote IP,Port (TCP Client/UDP)	0.0.0.0	0
I/O Direction(1 ~ 8)	00000000	(0:Output, 1:Input)
I/O Data(1 ~ 8)	00000000	
Record Last Status	Disable ▾	
Force off-line time (No data input)	10	(1 ~ 255 Minute)
Digital I/O Port 2 0		
Local port,Socket mode	103	TCP Server ▾
Remote IP,Port (TCP Client/UDP)	0.0.0.0	0
I/O Direction(1 ~ 8)	11111111	(0:Output, 1:Input)
I/O Data(1 ~ 8)	00000000	
Record Last Status	Disable ▾	
Force off-line time (No data input)	10	(1 ~ 255 Minute)

Update

6. Use Hyper-Terminal to control DO & monitor DI status.

tcp-1 內容	[?][X]
連線到	設定

tcp-1   變更圖示(I)...

主機位址(H): 192.168.0.100
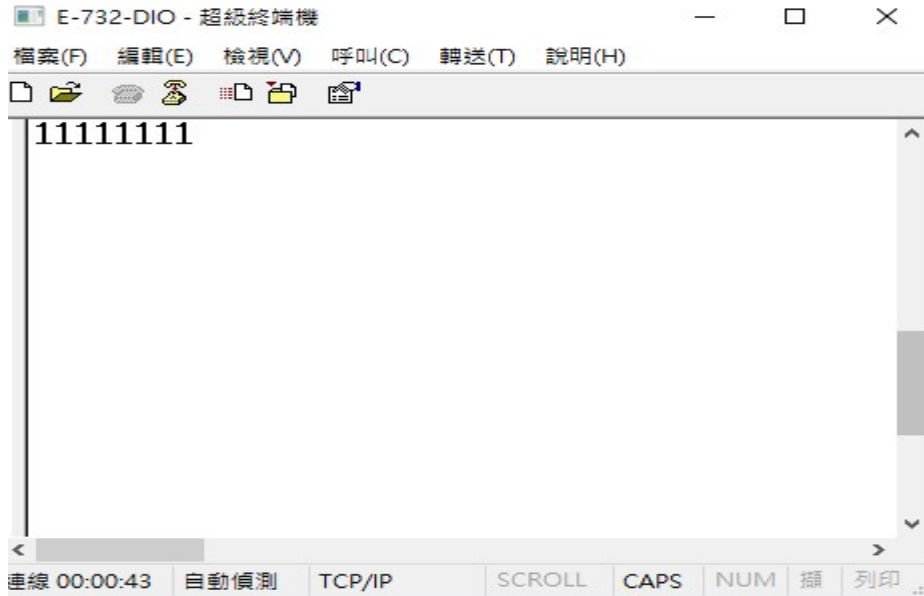
連接埠號碼(M): 103

連線方式(N): TCP/IP (Winsock) ▾

確定   取消

7. Digital I/O Port #2: set as Digital Input

   Above point #6 set a to port number 103 (physical port #2)

   Press Dial-up（撥號）, Ethernet DI/O Converter will response Digital Input default status
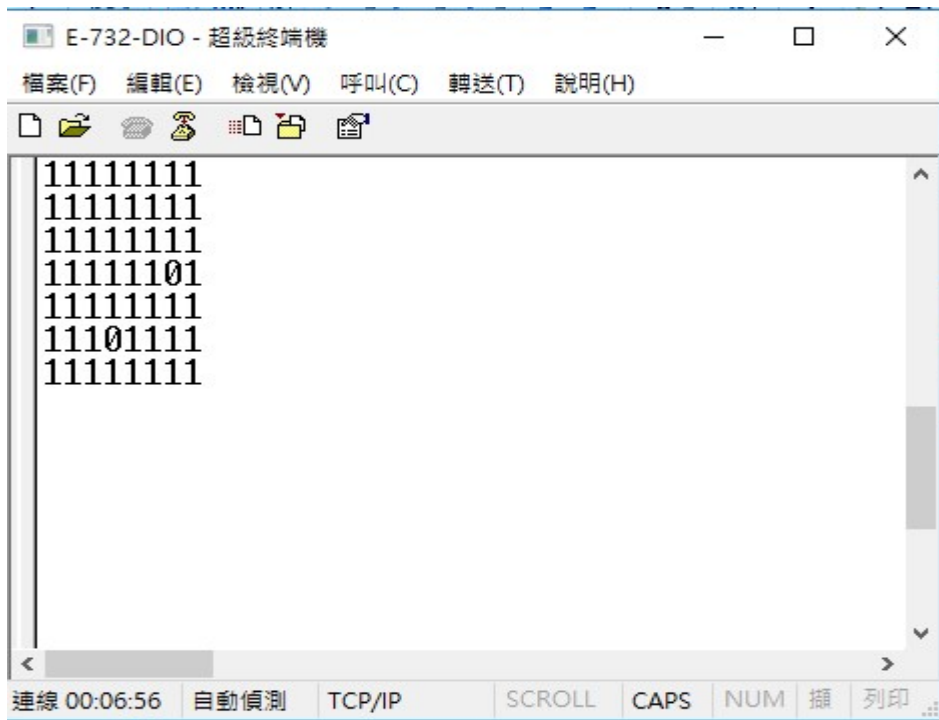   "11111111" to Host

8. Digital I/O Port #2 set as Digital Input , it has 8 pins of Digital Input.

   It you want to know Digital Input status anytime, you can Press "Enter" key.

   Ethernet DI/O Converter will response Digital Input status to Host.

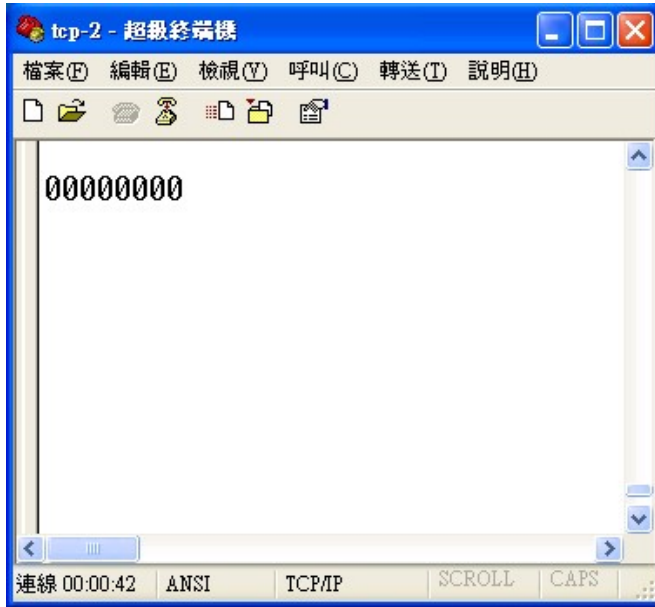   You can connect power output (+/-) to DI-1 (P/N) to try.

   The Hyper-Terminal will return status of DI instantly.

9. Digital I/O Port #1: set as Digital Output

Start a new link to port 102 as per description at point #6.

Press Dial-up（撥號）, press "Enter" key ,Ethernet DI/O Converter will response Digital Output default status "00000000" to Host.

10. Digital I/O Port #1 set as Digital Output , it has 3 pins of Digital Output.

To test the Digital Output pins, it must be sent a string fulfill with 8 digits (1 byte) such as "11100000".   You will see the 3 pins of Output Relay all active.